

THE TECH

VOL. XXIX. NO. 121.

BOSTON, MASS., TUESDAY, MARCH 22, 1910

PRICE ONE CENT

PROF. SWAIN TO LECTURE BEFORE CIVIL ENG. SOCIETY

Prominent Consulting Engineer And Alumnus Will Talk On Professional Ethics

This afternoon at 4.15 the Civil Engineering Society will hold a meeting in Room 6, Lowell Building. Professor George F. Swain of the Graduate School of Civil Engineering at Harvard University will give an address on Professional Ethics.

Professor Swain graduated from M. I. T. in the class of 1887 and after this left for Germany, where he studied for three years in some of the large universities. Returning to the Institute he became instructor in Structures and Hydraulics. In 1888 he was put in charge of the departments of Civil and Sanitary Engineering, in which office he remained until June, 1909, when he was called to fill a similar place at Harvard. He is a member of the Am. Soc. C. E., the Boston Soc. C. E., the Society for the Promotion of Engineering Education, and other societies, having held offices of high honor in all. Besides this he is the author of a large number of scientific books and reports.

However, the greatest reputation of Prof. Swain lies in his work as consulting engineer, since he is one of the most successful and best known in the country. Due to his wide experience in this work, he is eminently well fitted to speak on the subject which he has chosen, "Professional Ethics." As yet the Civil Engineer has no formulated code of ethics such, for example, as the Architects have recently adopted. The engineer has to follow the "unwritten law," which is quite plain as regards some matters, such as advertising one's business other than by business cards, but becomes more complicated in other matters. This is a subject, therefore, which it is very essential for a young engineer just graduating from college to know, but one which is not included in the curriculum. It need scarcely be urged, therefore, that every one attend, and hear of this important subject from one of the Institute's most prominent alumni.

ADVISORY COUNCIL

Meeting To Decide Awards For Athletic Honors

The Advisory Council, at a meeting last evening, voted that the winners of first-class places in the Dual Track Meet between the Freshman and Sophomore classes should be awarded the numerals of their class. It was also decided that the insignia should not be awarded to the members of this year's varsity basket-ball team.

Approximately 1450 men are engaged in some form of athletic activity at Yale, either in the major or minor sports, according to figures compiled at the university for the year 1909-1910. The statistics include the academic and scientific departments and the graduate schools. Detailed figures show a preponderance of academic men in the various sports.

Yale should have an exceptionally strong golf team this spring with R. G. Gardner, the national champion, as one of its makeup.

WIRELESS SOCIETY TO BE REPRESENTED

Wireless Clubs In All Eastern Colleges To Form New Association

James H. Ellis 1912 and Herbert L. Woehling 1912, were elected yesterday at the meeting to the Wireless Society as representatives to the meeting of the Intercollegiate Wireless Association to be held at Philadelphia, Pa., on April 9th. At this time representatives from all the wireless clubs in the Eastern colleges will meet for the organization of the Intercollegiate Wireless Association. The object of this new move is for the betterment of college interest in wireless telegraphy; the "Wireless Club" of the University of Pennsylvania takes the initiative. The meeting is held under the auspices of the "Wireless Club" in Houston Hall, 34th and Spruce Streets, at 2 o'clock on Saturday, April 9th.

The meeting of the Wireless Society was held in 11 Eng. B yesterday afternoon. Pres. E. B. Moore 1912 presiding. L. W. Cooper 1912, chairman of the aerial committee, reported that the spreaders have been completed and the design and computation of the aerial have been finished. E. H. Guilford 1912 of the pole committee reported that the base and all eye-bolts were in place. The 35-foot pole which is to be erected on the top of the Pierce building had been taken to the roof where it will be given a number of coats of paint and placed in position. E. M. Symms 1911 was elected chairman of a committee to consult with the United Wireless Telegraph Company and the Government on interference and general co-operation.

CHEM. SOCIETY TO MEET

All Men To Appear At Dinner In Their Laboratory Coats

It has just been learned that the Chemical Society is secretly planning a great time and will burst forth during April "in all its glory." A dinner is to be given at which all sorts of stunts are to be performed and a general good time made possible. All persons attending are requested to wear their laboratory coats. Watch the bulletin boards and the Tech for further announcements.

It was shown at the last meeting that much time was consumed in discussing business at the beginning of the evening, therefore it has been decided to hold a business meeting some afternoon at four or five o'clock to take up any points which have come up since the last meeting, and also to try to settle the matter in regard to the Amendment proposed by the Institute Committee. The executive committee of the Chemical Society has considered this amendment and will report upon it at that time. A notice will be posted as soon as a time is found which will accommodate the largest number. As this is a matter of great importance the executive committee asks all men to watch for the announcement of this special meeting.

For the Pennsylvania relay meet to be held on Franklin Field April 30, the management has already more entries than those of last year, when 66 colleges and 150 schools entered at least four men each.

LECTURE ON GYROSCOPE AT HUNTINGTON HALL

Mr. Elmer A. Sperry Will Address Society Of Arts On His Specialty

Since top-spinning has become a subject of scientific research instead of a childish amusement, technical lectures upon this subject have been frequent, but practically nothing has been done to popularize the subject, that is, to make it intelligible to the layman. For this reason the next meeting of the Society of Arts will be of special interest, for the speaker at this meeting will be Mr. Elmer A. Sperry of New York City. He will speak upon the subject of "The Gyroscope and its Practical Application in Steadying Ships, Monorail Locomotion, Aerial Flight, and as a Mariner's Compass." The meeting will take place next Wednesday evening at 8 o'clock, in Huntington Hall.

Mr. Sperry will illustrate his lecture with operating apparatus and lantern slides. The uses of the gyrostat in monorail cars, steamships, and in directing torpedoes will be illustrated by working models, and the principle of the gyroscope will be fully explained. The fundamental element of precession will be developed and illustrated experimentally. As an engineer, Mr. Sperry has made special research along the lines of gyroscopic reactions. He spent four months abroad last year investigating this subject.

MUSICAL CLUB CONCERT

Successful Performances Given At Lynn

Another successful concert was rendered by the Tech Musical Clubs at Lynn last night. Over a thousand persons attended and received the efforts of the performers enthusiastically.

The old stand-bys of the Clubs met at a fashionable downtown hotel and were taken to Lynn in a "special." The usual Tech spirit was ever present and the ride seemed shortened by music.

After the second number of the programme, Miss Dorothy G. Harris accompanied Mr. L. Harris on the organ, the latter playing the violin. To a hearty encore to "Reverie," Vieuxtemps, another selection was given. Both pieces were charmingly carried through and credit is due the musicians taking part.

At the close of the concert the usual M. I. T. yell was given and a car took the men back to Boston to pursue their studies.

Following is the programme:

Part I—The Glee Club (a) "Cardinal and Grey," Moody, '07, (b) "Take Me Back to Tech," Litchfield, '87; 2. The Mandolin Club—"Pied Piper" Selections, Cline; encore, "Yankee Dandy." 3. The Banjo Club—"Rose Tree March," Eno; encore, "Onion Rag." 4. Mandolin Club Sextet—Selection. 5. The Glee Club—"The Stein Song," Bullard, '87; encore, "Bill of Fare." 6. Mr. A. G. Wilson—Vocal Selection. 7. The Banjo Club—"Chimes American March," Lampe. 8. The Mandolin Club—"Meteor March," Rice. 9. Combined Mandolin and Glee Clubs—"Dear Old M. I. T.," Wonson, '07.

Cooke, the Princeton sprinter, who won the 60-yard dash at the New York A. C. games Tuesday night, is a corker, and will have to be watched this spring.

CONDITIONS IN UNION SHOW IMPROVEMENT

There Are Never More Than Three Or Four Men Who Wear Hats There

Conditions in the Union have improved! This is the opinion of the House Committee, who, after months of energetic work have noted a change for the better concerning the matter of men removing their hats when in the Union. Actual count each noon has shown that there are at noon hour always three, sometimes five, wearing hats in the Union. With regard to the smashing of chairs and other furniture, this continues to be a favorite pastime for some on rainy afternoons. One man has paid up for three chairs which he has broken recently, and the committee hopes that this is an example that will be followed by others who have offended in a similar manner.

The committee has recently added the American Magazine to the number already provided. As to the matter of the exchanges which used to be in the Union, a notice has been posted for some time requesting those who wished certain ones continued, to leave a note in the House Committee box to that effect. As only seven notes were received, and of these, four were from men the "Tech" staff, it was thought inadvisable to continue them at all.

A suggestion box has been provided in the Union and everyone who has any suggestions which would be of use to the committee, are requested to leave them there.

The following men comprise the committee: Sunday, K. Goto 1911; Monday, G. C. George 1911; Tuesday, O. D. Powell 1911; Wednesday, L. C. Hart 1913; Thursday, H. F. Dolliver 1911; Friday, G. M. Denbinger 1913; Saturday, Malcolm Lewis 1913; Chairman, H. M. Davis 1911.

An organization at the University of Virginia, known as the Seven Club, is said to be employing Black Hand methods to further its cause. Notices printed in red ink on black paper have been posted on the wall of the "topic" office, threatening the editor with dastardly punishment if he publishes articles detrimental to their interests.

CALENDAR.

Tuesday, March 22.

4.00—Cross Country practice at Field.
4.00—Crew practice.
4.50—Show rehearsal.
4.15—Civil Engineering Society, 6 Lowell. Prof. Swain on "Business Ethics."

4.30—1913 Baseball Practice, Field.
8.00—Cosmopolitan Club Reception to Pres. MacLaurin, 480 Boylston St., Wednesday, March 23.

4.00—Crew Practice.
4.15—Institute Com. and Business Mgrs.
4.15—Varsity Team Practice.

Thursday, March 24.

4.00—Cross Country Practice at Field.
Friday, March 25.
4.00—Crew Practice.
4.15—Gym. Team Practice.
4.30—1913 Baseball Practice, Field.
3.00—Union Entertainment.

Saturday, March 26.

2.14—Hare and Hounds at North Station for Wakefield.
2.30—Combined Show Rehearsal.
3.00—Crew Practice.

THE TECH

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BOSTON, MASS., MARCH 22, 1910.

Hook-Night saw the culmination of a spirit that has very unfortunately been growing up around the Union—to get as near the improper as possible without getting exactly on the side of indecency. This in the eyes of a few seems to be the highest intellectual attainment in the art of being clever and witty.

Fortunately the one-third of the Institute body which was present last Friday night unreservedly showed its disapproval of this doubtful style. It is up to the few dealers in this low wit to take the hint. Remember that everything of this nature reflects not only on the character of the individual but actually places a brand on the character of the whole Institute, past, present, and future.

Remember not only our contemporaries but also our predecessors who have by their great work after graduation placed high the name of the Institute.

Is it in our province to undo what they have done?

With the inspection trip to Lawrence the Electrical Engineering Department takes an important step towards a more complete development of their graduates.

The benefits to be derived from a town of industrial plants will be greatly increased by the wiser selections of older men and the better opportunities offered since these will be conducted as an official part of the Institute.

The Electrical Engineering society has conducted many excellent trips. However, it is not to be denied that the presence of an experienced man, an instructor familiar with the industry, will lend greatly to the understanding. In the trips of the professional society, the superficial knowledge of the more fluent leaders is too evident.

On the surface many institutions present really the same features. It is the opportunity of the instructor in these trips to show how this or that problem was met, what this machine does or how the product is handled.

There have been many excursions in the past on which the men looked and wondered. They were kindly received, yet their guide was conversant enough with their standpoint to show them the things they wanted. He knew well what they thought the most interesting and passed them the compliments of supposing they could follow him along lines in which they had had no training.

This example of progress could well be copied in the other professional societies and departments. Co-operation will not mean elimination.

GENERAL NEWS

TELEGRAPH NEWS OF THE MORNING.

WEATHER REPORT.

Washington, D. C.—March 22.—Forecast for Boston and vicinity—Fair and warmer; light west to southwest winds.

Cambridge, March 22.—Last night the second triangular debate between Harvard, Yale and Princeton was held,

the negative teams representing each of the colleges debating at home. Harvard met Princeton's affirmative team at Sanders Theatre, Cambridge, while the former's affirmative team will meet Yale at New Haven.

New Haven, March 22.—To attend the stated meeting of the Yale corporation of which he is a fellow, President Taft came here yesterday, combining the trip with a further visit eastward to Providence later in the day for the purpose of addressing a gathering at Providence.

Boston, March 22.—The detailing of Capt. Ainsley C. Armstrong of police headquarters for special service in the customs division of the treasury department, at the request of the secretary of the treasury and the President, has revived the rumors that a thorough investigation of the Boston custom house is contemplated.

Boston, March 22.—Two representatives of the city of New York are in Boston investigating the bath department with a view to getting ideas for that city. They come under directions from Mayor Gaynor, whom they quote as saying that Boston excels the country in the matter of providing bathing facilities.

New York, March 22.—The Shuberts announced yesterday that a corporation, had been organized between the New York Hippodrome Company, consisting of the Shuberts and Messrs. Chesebrough and Black, and some western capital, for the purpose of building duplicates of the New York Hippodrome in Boston and Chicago.

Boston, March 22.—With the announcement that Mayor Fitzgerald is going to make war on the political enemies who were lined up against him in the last municipal campaign comes the information that he is making alliances with friendly Republicans, probably to the end of building up a non-partisan organization for work in the coming congressional campaigns.

Albany, March 22.—The great international contest between President Taft and Earl Grey, Governor-General of Canada, will be pulled off at Beverly, Mass., this summer.

WASHINGTON, D. C.

Washington, March 22.—The census cotton report shows the crop of 1909 to be 10,363,240 bales, counting round as half-bales and including linters, compared with 13,432,131 for 1908. Cotton estimated by ginner as remaining to be ginned and included in the statistics for 1909 is 49,488 bales.

London, March 22.—The tariff negotiations between the United States and Canada were the subject of questions in the House of Commons yesterday, certain members desiring to know whether the government proposed to assist Canada, "in view of the American threats to penalize Canadian imports and the danger of a tariff war." Premier Asquith stated that the Canadian government had been made fully aware of the good offices of the British government and of Ambassador Bryce were at their disposal, but he declined to discuss the matter further in view of the negotiations that were pending.

FOREIGN.

Rome, March 22.—The Italian cabinet resigned yesterday. The retirement of the ministry which was formed on Dec. 10, 1909, with Baron Sidney Sonnino as premier was due to the realization that the government's mercantile marine subsidies measure was doomed to defeat.

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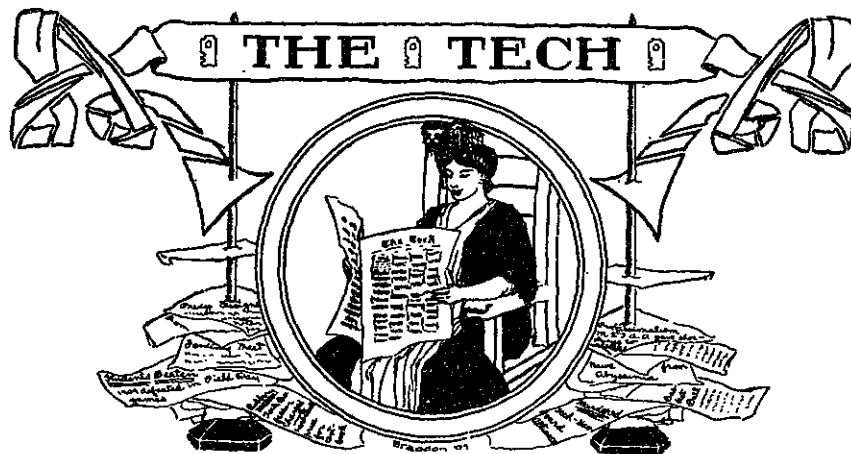
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TECH MEN GO TO HARVARD

Prof. Pearson Entertains Debating Society

Last night Prof. Pearson escorted all but one of the members of his debating class to the realms of Harvard to attend there the debate between Harvard and Princeton. This debate was one of the three in the new scheme of triangular debates between Harvard, Yale and Princeton. Each school has two teams in the field presenting the opposite sides of the same question to the opposing schools at one and the same time.

The decision went to the Harvard team.

After the debate the Tech debating class adjourned to The Union, where Prof. Pearson arranged for a Welsh rarebit supper, which was disposed of, while the manner in which the debate had been carried off was discussed.

COLLEGE NEWS

The Johns Hopkins University is to have an independent baseball team. The athletic association has refused to recognize or give any aid to the national sport.

The Intercollegiate Wrestling Association will hold its annual meet at Philadelphia Saturday. Princeton appears to have the best chance to win the title, as Cornell, which was looked upon to win a few weeks ago, lost to the Tigers last Saturday.

Eddie K. Merrihew, the Harvard quarter-miler, in his relay, as a member of the Boston Athletic Association team against Harry Gissing, New York's peerless runner, was credited by Charles Dieges with running the last quarter in an even 50 seconds.

One of the runners on the Penn freshman team which will compete in the freshman relay race at the Penn relay carnival will be Mercer, the former George schoolboy, who is known by the track followers chiefly because of his ability to vault over 12 feet and clear close to 23 feet in the running broad jump. He has shown as good as 51 seconds for the quarter, and that is why Murphy is picking him to represent Penn's opening class.

One-twentieth of the students at the University of Pennsylvania are from foreign countries.

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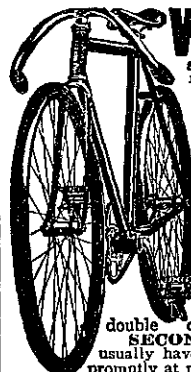
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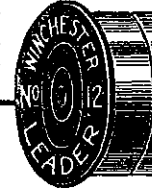
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NOTICES

By Vote of the Faculty—The exercises of the Institute will be suspended on Friday, Saturday, Monday and Tuesday, April 15th, 16th, 18th and 19th, 1910.

A. L. MERRILL,
March 18, 1910. Secretary.

HARDWARE SHOW.

Through the courtesy of the management of the exhibition of the New England Hardware Dealers' Association, tickets of admittance may be received on applying for them at the information desk in the Registrar's Office.

WALTER HUMPHREYS,
Registrar.

**1911—CHIPPING AND FILLING
AND FORGING**

Exercises in Forging for Course II, Sections 2 and 3, and in Chipping and Filling for Section 1, will begin on Wednesday, March 30th.

Exercises in Chipping and Filling for Course XIII will begin on Thursday, March 31st.

WALTER HUMPHREYS,
Registrar.

SCHOLARSHIPS.

March 21, 1910.

Each applicant for a scholarship (except a State scholarship) for the ensuing year should hand in his application blank at the Registrar's Office, and leave his name before April 4th on a special card enclosed in an envelope, in Professor Dewey's box in the Registrar's Office. (Blanks and cards may be obtained at

the Registrar's Office.) Applications dated since January 1st need not be duplicated, but the applicant should notify Professor Dewey in writing if he desires to apply for a scholarship grant for next year.

With the name state the class, course and all free hours for consultation. Each applicant will be notified through the "Cage" in regard to date selected for consultation. Students applying, therefore, should inquire at the "Cage" for mail.

STATE SCHOLARSHIPS.—Applications should be made to the Secretary of the State Board of Education on blanks to be furnished at the State House.

While the State Board of Education has full control of the award of the State scholarships, it is customary to submit all applications to the Faculty for endorsement as to standing, and for such advice as other data in the possession of the Faculty may warrant. For this reason, while the Scholarship Committee has no authority to request conference or further information from applicants for State scholarships, it will always be glad to receive and consider all information that may be furnished. In any case, students intending to apply for State scholarships are requested to notify the Registrar to that effect.

WALTER HUMPHREYS,
Registrar.

Cross Country candidates report at Tech Field Monday, Tuesday and Thursday; Saturdays, take Hare and Hounds runs.

CIVIL ENG. SOCIETY MEETING.

Tuesday, March 22, at 4.15 P. M., in Room 6, Lowell Bldg. Prof. Geo. F. Swain will speak on "PROFESSIONAL ETHICS."

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1910.

Ballots for the Senior Class Day Committee have been mailed to all Seniors who are taking three-fourths of their subjects with the Senior Class, and who have paid their class dues. Ballots must be turned in at the Cage before 4.15 P. M. Thursday, March 24, 1910.

1913.

All men who expect to try for Freshman outdoor track should report from now on at Tech Field for Practice.
Wm. KATZENBERGER, Mgr.

All men having keys to lockers at the Field are requested to give their names and locker numbers to the care-taker since the list has been lost.

Pennsylvania Club Dinner postponed to Thursday, March 24. Dr. Sharp of Brookline to speak.

A beautiful mandolin for sale. \$10.00 cash. Inquire G. M. K., The Tech.

Dress suit in perfect condition for sale. Price \$15.00. Will fit a man about five-foot-eight. Inquire R. H. F., The Tech.

Overcoat and watch found in 25A Lowell Building. Please apply at Bursar's Office.

A lady would like anything in the mending line to do at her home. Apply Business Manager.

TECH SHOW

All men who are in any doubt as to whether they have been denied the right to obtain seats for Tech Show 1910 by application in accordance with the ruling last year should communicate with the management at once in order to be sure of receiving an application blank.

By going through the season undefeated, the Yale swimmers captured both the swimming and the water polo championships, and by scoring the greatest number of points in the intercollegiate meet earned also the special trophy. The team championships were completed in a series of dual meets, each team in the league having five on its schedule. Pennsylvania took four victories with one defeat, a close second to Yale, with Princeton third.

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